Public Law 97-324
97th Congress

# An Act

To authorize appropriations to the National Aeronautics and Space Administration for research and development, construction of facilities, and research and program management, and for other purposes.

Oct. 15, 1982
[H.R. 5890]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,*

National Aeronautics and Space Administration Authorization Act, 1983.

## TITLE I

SEC. 101. There is hereby authorized to be appropriated to the National Aeronautics and Space Administration to become available October 1, 1982:

(a) For "Research and development", for the following programs:
(1) Space Shuttle, $1,798,000,000;
(2) Space flight operations, $1,699,000,000;
(3) Expendable launch vehicles, $42,800,000;
(4) Physics and astronomy, $473,700,000;
(5) Planetary exploration, $177,600,000;
(6) Life sciences, $55,700,000;
(7) Space applications, $336,300,000;
(8) Technology utilization, $9,000,000;
(9) Aeronautical research and technology, $280,000,000;
(10) Space research and technology, $128,000,000; and
(11) Tracking and data acquisition, $503,900,000.

(b) For "Construction of facilities", including land acquisition, as follows: Facilities construction.
(1) Construction of data analysis facility, Hugh L. Dryden Flight Research Facility, $4,500,000;
(2) Rehabilitation and modification of utility systems, Goddard Space Flight Center, $2,840,000;
(3) Modifications to the 4- by 7-meter low speed tunnel, Langley Research Center, $7,200,000;
(4) Modifications to upgrade the transonic dynamics tunnel, Langley Research Center, $9,000,000;
(5) Modification of rocket engine test facility for altitude testing, Lewis Research Center, $995,000;
(6) Modification to 450 PSI air system in engine research building, Lewis Research Center, $2,920,000;
(7) Rehabilitation of airfield, Wallops Flight Center, $2,150,000;
(8) Space Shuttle facilities at various locations as follows:
(A) Modifications to solid rocket booster refurbishment and subassembly facilities, John F. Kennedy Space Center, $1,700,000;
(B) Modification of manufacturing and final assembly facilities for external tanks, Michoud Assembly Facility, $17,845,000;
(C) Minor Shuttle-unique projects, various locations, $1,860,000;

(9) Space Shuttle payload facility: Rehabilitation and modification for payload ground support operations, John F. Kennedy Space Center, $1,740,000;

(10) Repair of facilities at various locations, not in excess of $500,000 per project, $15,000,000;

(11) Rehabilitation and modification of facilities at various locations, not in excess of $500,000 per project, $20,000,000;

(12) Minor construction of new facilities and additions to existing facilities at various locations, not in excess of $250,000 per project, $4,000,000; and

(13) Facility planning and design not otherwise provided for, $8,250,000.

Research and program management.

(c) For "Research and program management", $1,168,900,000, and such additional or supplemental amounts as may be necessary for increases in salary, pay, retirement, or other employee benefits authorized by law.

Research and development.

(d) Notwithstanding the provisions of subsection (g), appropriations hereby authorized for "Research and development" may be used (1) for any items of a capital nature (other than acquisition of land) which may be required at locations other than installations of the Administration for the performance of research and development contracts, and (2) for grants to nonprofit institutions of higher education, or to nonprofit organizations whose primary purpose is the conduct of scientific research, for purchase or construction of additional research facilities; and title to such facilities shall be vested in the United States unless the Administrator determines that the national program of aeronautical and space activities will best be served by vesting title in any such grantee institution or organization. Each such grant shall be made under such conditions as the Administrator shall determine to be required to insure that the United States will receive therefrom benefit adequate to justify the making of that grant. None of the funds appropriated for "Research and development" pursuant to this Act may be used in accordance with this subsection for the construction of any major facility, the estimated cost of which, including collateral equipment, exceeds $250,000, unless the Administrator or his designee has notified the Speaker of the House of Representatives and the President of the Senate and the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate of the nature, location, and estimated cost of such facility.

(e) When so specified and to the extent provided in an appropriation Act, (1) any amount appropriated for "Research and development" or for "Construction of facilities" may remain available without fiscal year limitation, and (2) maintenance and operation of facilities, and support services contracts may be entered into under the "Research and program management" appropriation for periods not in excess of twelve months beginning at any time during the fiscal year.

Scientific consultations or extraordinary expenses.

(f) Appropriations made pursuant to subsection (c) may be used, but not to exceed $25,000, for scientific consultations or extraordinary expenses upon the approval or authority of the Administrator and his determination shall be final and conclusive upon the accounting officers of the Government.

(g) Of the funds appropriated pursuant to subsections (a) and (c), not in excess of $75,000 for each project, including collateral equipment, may be used for construction of new facilities and additions to

existing facilities, and for repair, rehabilitation, or modification of facilities: *Provided*, That, of the funds appropriated pursuant to subsection (a), not in excess of $250,000 for each project, including collateral equipment, may be used for any of the foregoing for unforeseen programmatic needs.

SEC. 102. Authorization is hereby granted whereby any of the amounts prescribed in paragraphs (1) through (12), inclusive, of section 101(b)—

(1) in the discretion of the Administrator or his designee, may be varied upward 10 percent, or

(2) following a report by the Administrator or his designee to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate on the circumstances of such action, may be varied upward 25 percent,

Report to congressional committees.

to meet unusual cost variations, but the total cost of all work authorized under such paragraphs shall not exceed the total of the amounts specified in such paragraphs.

SEC. 103. Not to exceed one-half of 1 percent of the funds appropriated pursuant to section 101(a) hereof may be transferred to and merged with the "Construction of facilities" appropriation, and, when so transferred, together with $10,000,000 of the funds appropriated pursuant to section 101(b) hereof (other than funds appropriated pursuant to paragraph (13) of such section) shall be available for expenditure to construct, expand, or modify laboratories and other installations at any location (including locations specified in section 101(b)), if (1) the Administrator determines such action to be necessary because of changes in the national program of aeronautical and space activities or new scientific or engineering developments, and (2) he determines that deferral of such action until the enactment of the next authorization Act would be inconsistent with the interest of the Nation in aeronautical and space activities. The funds so made available may be expended to acquire, construct, convert, rehabilitate, or install permanent or temporary public works, including land acquisition, site preparation, appurtenances, utilities, and equipment. No portion of such sums may be obligated for expenditure or expended to construct, expand, or modify laboratories and other installations unless (A) a period of thirty days has passed after the Administrator or his designee has transmitted to the Speaker of the House of Representatives and to the President of the Senate and to the Committee on Science and Technology of the House of Representatives and to the Committee on Commerce, Science, and Transportation of the Senate a written report containing a full and complete statement concerning (i) the nature of such construction, expansion, or modification, (ii) the cost thereof including the cost of any real estate action pertaining thereto, and (iii) the reason why such construction, expansion, or modification is necessary in the national interest, or (B) each such committee before the expiration of such period has transmitted to the Administrator written notice to the effect that such committee has no objection to the proposed action. In calculating the thirty-day period referred to in the preceding sentence, any days on which either House is not in session because of an adjournment sine die or an adjournment of more than 5 days to a day certain shall be excluded, but in no event shall the total period extend beyond 45 days.

Transfer of funds.

Report to congressional committees.

SEC. 104. Notwithstanding any other provision of this Act—

(1) no amount appropriated pursuant to this Act may be used for any program deleted by the Congress from requests as originally made to either the House Committee on Science and Technology or the Senate Committee on Commerce, Science, and Transportation,

(2) no amount appropriated pursuant to this Act may be used for any program in excess of the amount actually authorized for that particular program by sections 101(a) and 101(c), and

(3) no amount appropriated pursuant to this Act may be used for any program which has not been presented to or requested of either such committee,

Notification to congressional committees.

unless (A) a period of thirty days has passed after the receipt by the Speaker of the House of Representatives and the President of the Senate and each such committee of notice given by the Administrator or his designee containing a full and complete statement of the action proposed to be taken and the facts and circumstances relied upon in support of such proposed action, or (B) each such committee before the expiration of such period has transmitted to the Administrator written notice to the effect that such committee has no objection to the proposed action. In calculating the thirty-day period referred to in the preceding sentence, any days on which either House is not in session because of an adjournment sine die or an adjournment of more than five days to a day certain shall be excluded, but in no event shall the total period extend beyond forty-five days.

Federal research funds, geographical distribution.
42 USC 2459 note.

SEC. 105. It is the sense of the Congress that it is in the national interest that consideration be given to geographical distribution of Federal research funds whenever feasible, and that the National Aeronautics and Space Administration should explore ways and means of distributing its research and development funds whenever feasible.

42 USC 2464.

SEC. 106. (a) Notwithstanding any other provision of law, or any interagency agreement, the Administrator of the National Aeronautics and Space Administration shall charge such prices as necessary to recover the fair value of placing Department of Defense payloads into orbit by means of the Space Shuttle.

42 USC 2464 note.

(b) This section shall apply to any Department of Defense payloads placed into orbit by means of the Space Shuttle on or after October 1, 1983.

SEC. 107. (a) The Director of the Federal Emergency Management Agency shall ensure that all obligations and responsibilities imposed by the Federal Fire Prevention and Control Act of 1974 are performed during fiscal year 1983, including activities of the United States Fire Administration and the United States Fire Academy.

15 USC 2201 note.

(b) The Director shall reserve such funds as are appropriated to carry out the functions of the Federal Emergency Management Agency as designated in Reorganization Plan Numbered 3 of 1978 to conduct the operations of the United States Fire Administration, the United States Fire Academy, and such other functions and responsibilities as are vested in the Director pursuant to the Federal Fire Prevention and Control Act of 1974.

5 USC app.

Short title.

SEC. 108. This Act may be cited as the "National Aeronautics and Space Administration Authorization Act, 1983".

## TITLE II

Civil land remote sensing satellite systems. 15 USC 1517 note.

SEC. 201. (a) The Secretary of Commerce is hereby authorized to plan and provide for the management and operation of a civil land remote sensing satellite system, including the LANDSAT D and D' satellites and associated ground system equipment transferred from the National Aeronautics and Space Administration; to provide for user fees; and to plan for the transfer of the ownership and operation of civil operational land remote sensing satellite systems by the private sector when in the national interest. The provisions of this subsection expire September 30, 1984.

Expiration.

(b)(1) As part of his planning for the transfer of the ownership and operation of civil operational land remote sensing satellite systems to the private sector the Secretary shall—

Study.

(A) Conduct a study to define the current, projected, and potential needs of the government for land remote sensing data.

(B) Determine and describe the equipment, software, and data inventory that could be transferred to the private sector.

(C) Compare various feasible financial and organizational approaches for such a transfer. Criteria for the comparison should include considerations such as: maintenance of data continuity; maintenance of United States leadership; national security; international obligations; potential for market growth; marketing ability; sunk and projected cost to the Government; independence of subsidy or financial guarantee from the Government; potential of financial return to the Government; and price of data to users. The following institutional alternatives should be compared: (i) wholly private ownership and operation of the system by an entity competitively selected; (ii) phased-in Government/private ownership and operation; (iii) a legislatively chartered privately owned corporation; and (iv) continued ownership and operation by the Federal Government.

Report to Congress.

The Secretary shall complete these studies and report on them to the Congress by February 1, 1983.

Parallel studies, submittal to Congress.

(2) In addition to the studies and comparisons called for in section 201(b)(1) the Secretary shall fund at least two parallel studies outside the government independently to assess the alternatives called for in section 201(b)(1)(C). These studies should be submitted to the Congress by April 1, 1983.

(c) There is authorized to be appropriated $14,955,000 for the fiscal year 1983, for the purpose of carrying out the provisions of this title.

(d) No moneys authorized by this title shall be used to transfer to the private sector the ownership or management of any civil land remote sensing space satellite system and associated ground system equipment unless (A) a period of thirty days has passed after the receipt by the Speaker of the House of Representatives, the President of the Senate, the House Committee on Science and Technol-

ogy, and the Senate Committee on Commerce, Science, and Transportation, of a message from the Secretary of Commerce or his designee containing a full and complete plan for the action proposed to be taken together with the reasons therefor and expected funding impacts, or (B) each such committee before the expiration of such period has transmitted to the Secretary written notice to the effect that such committee has no objection to the proposed action.

Approved October 15, 1982.

LEGISLATIVE HISTORY—H.R. 5890 (S. 2604):

HOUSE REPORTS: No. 97-502 (Comm. on Science and Technology) and No. 97-897 (Comm. of Conference).

CONGRESSIONAL RECORD, Vol. 128 (1982):

May 13, considered and passed House.

June 9, S. 2604 considered and passed Senate; proceedings vitiated and H.R. 5890, amended, passed in lieu.

Sept. 30, Senate agreed to conference report.

Oct. 1, House agreed to conference report.